

Technical Specification:

Overview	
System Description	Random access immunoassay system
Throughput	Up to 200 tests per hour in batch or random access mode
Time To First Result	35 minutes
Assays On Board	24
Samples and Sample Handling	
Sample Tubes	12-16 mm diameter 75-100 mm heights 10 x 50 microtubes with tube-top racks
Sample Carriers	15 position sample racks; 90 samples fully loaded; Continuous loading
Walk Away Time	Up to 5 hours
Sample Types	Serum, plasma, urine – assay dependent
Sample Integrity Control	Pressure-transducer technology with clot detection, clot flagging, and short sample detection
Automatic Sample Processing	Reflex, re-run, and dilutions
Barcodes	
Formats Supported	Code 39, Code 128, Codabar, UPC, and I-2 of 5 (Interleaved)
Reagents and Reagent Handling	
Reagent Positions	24
Reagent Cooling	2 - 8° C
Reagent Preparation	None required
Reagent On Board Sability	90 days
Reagent Barcodes	Allows system to identify lot number, and determine when calibrator adjustment needed, and the tests remaining in the reagent wedge
User Interface	
Operating System	Microsoft® Windows® XP
Monitor	19 inch touch sensitive screen
Maintenance	

Daily	Automated daily maintenance cycle completed according to time programmed by the laboratory
Weekly	20 minutes
Monthly	45 minutes
Environmental	
Operating Temperature	18 – 32° C
Electrical	
	200 - 240 v, 6 AMP 50/60 Hz
Dimensions	
Height	65 in / 165 cm
Width	93 in / 236cm
Depth	45 in / 114 cm
Weight	800 lbs / 363 kg